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37 C.F.R. 1.10 on the date indicated above and is addressed to  
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Paige E. Snyder

J1033 U.S. PTO  
09/928304  
08/13/01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chastain et al.

**Serial No.: Not Assigned**

Group Art Unit: Not Assigned

Filed: Not Assigned

Docket No.: 158/71

For: AIR BLOWN FIBER (ABF) CABLE WITH LOW COMPOSITE COEFFICIENT OF  
THERMAL EXPANSION

\*\*\*\*\*

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Forms PTO/SB/08A and PTO/SB/08B are attached hereto. Copies of the references are also enclosed. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

U.S. Patent No. 4,082,423 to Glista et al. discloses fiber optics cable strengthening method and means.

U.S. Patent No. 4,299,256 to Bacehowski et al. discloses coextruded silicone-containing tubing having long term frictional lubrication properties.

U.S. Patent No. 4,691,896 to Reeve et al. discloses optical fibre transmission line.

U.S. Patent No. 4,791,965 to Wynn discloses co-extruded tube.

U.S. Patent No. 4,796,970 to Reeve et al. discloses optical fibre transmission lines.

U.S. Patent No. 4,892,442 to Shoffner discloses prelubricated innerduct.

U.S. Patent No. 4,952,021 to Aoki et al. discloses pressure transporting system.

Appln. No.: Not Assigned

U.S. Patent No. 5,358,011 to Stockton et al. discloses optical fibre ducts having inner layer suited to blown fibre installation and a fire retardant outer layer.

U.S. Patent No. 6,101,304 to Quistorff et al. discloses air blown fiber (ABF) tube cable with central innerduct.

European Patent Application No. 0180590 A1 discloses fiber optical transmission lines.

Publication by Schneider et al. entitled "Melt Filament Reinforcement "MFR" for Shrink Free Fiber Optic Cable", International Wire & Cable Symposium, pp. 287-292.

Early passage of the subject application to issue is earnestly solicited.

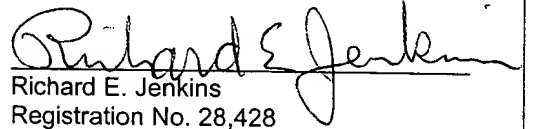
Although a check is being submitted, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: 8-13-01

By:

  
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158/71 REJ/kth/sed

Enclosures

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 998.00

## C m pl te if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   | Not Assigned      |
| Filing Date          | August 13, 2001   |
| First Named Inventor | Scott M. Chastain |
| Examiner Name        |                   |
| Group Art Unit       |                   |
| Attorney Docket No.  | 158/71            |

09/928304  
08/13/01

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0426  
Deposit Account Name: Jenkins & Wilson, P.A.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 710                    | 201 355                    | Utility filing fee     | 710.00   |
| 106 320                    | 206 160                    | Design filing fee      |          |
| 107 490                    | 207 245                    | Plant filing fee       |          |
| 108 710                    | 208 355                    | Reissue filing fee     |          |
| 114 150                    | 214 75                     | Provisional filing fee |          |

SUBTOTAL (1) (\$ 710.00

### 2. EXTRA CLAIM FEES

Total Claims: 36  
Independent Claims: 3  
Multiple Dependent: 33  
Extra Claims: 16  
Fee from below: 18.00  
Fee Paid: 288.00

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 103 18                     | 203 9                      | Claims in excess of 20                                     |
| 102 80                     | 202 40                     | Independent claims in excess of 3                          |
| 104 270                    | 204 135                    | Multiple dependent claim, if not paid                      |
| 109 80                     | 209 40                     | ** Reissue independent claims over original patent         |
| 110 18                     | 210 9                      | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 288.00

\*\*for number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130                    | 205 65                     | Surcharge - late filing fee or oath  |          |
| 127 50                     | 227 25                     | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130                    | 139 130                    | Non-English specification  |          |
| 147 2,520                  | 147 2,520                  | For filing a request for ex parte reexamination                            |          |
| 112 920*                   | 112 920*                   | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*                 | 113 1,840*                 | Requesting publication of SIR after Examiner action                        |          |
| 115 110                    | 215 55                     | Extension for reply within first month                                     |          |
| 116 390                    | 216 195                    | Extension for reply within second month                                    |          |
| 117 890                    | 217 445                    | Extension for reply within third month                                     |          |
| 118 1,390                  | 218 695                    | Extension for reply within fourth month                                    |          |
| 128 1,890                  | 228 945                    | Extension for reply within fifth month                                     |          |
| 119 310                    | 219 155                    | Notice of Appeal   |          |
| 120 310                    | 220 155                    | Filing a brief in support of an appeal                                     |          |
| 121 270                    | 221 135                    | Request for oral hearing   |          |
| 138 1,510                  | 138 1,510                  | Petition to institute a public use proceeding                              |          |
| 140 110                    | 240 55                     | Petition to revive - unavoidable   |          |
| 141 1,240                  | 241 620                    | Petition to revive - unintentional   |          |
| 142 1,240                  | 242 620                    | Utility issue fee (or reissue)   |          |
| 143 440                    | 243 220                    | Design issue fee   |          |
| 144 600                    | 244 300                    | Plant issue fee  |          |
| 122 130                    | 122 130                    | Petitions to the Commissioner  |          |
| 123 50                     | 123 50                     | Processing fee under 37 CFR 1.17(q)  |          |
| 126 180                    | 126 180                    | Submission of Information Disclosure Stmt                                  |          |
| 581 40                     | 581 40                     | Recording each patent assignment per property (times number of properties) |          |
| 146 710                    | 246 355                    | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 710                    | 249 355                    | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179 710                    | 279 355                    | Request for Continued Examination (RCE)                                    |          |
| 169 900                    | 169 900                    | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00

## SUBMITTED BY

|                   |                    |                                   |         |           |              |
|-------------------|--------------------|-----------------------------------|---------|-----------|--------------|
| Name (Print/Type) | Richard E. Jenkins | Registration No. (Attorney/Agent) | 28,428  | Telephone | 919/493-8000 |
| Signature         |                    | Date                              | 8-13-01 |           |              |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.